

# **S390 Software**

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## **CICS Requires Use of Language Environment**

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### **ABOUT CICS AND COBOL PROGRAMS**

- Language Environment is a prerequisite for application programs written in COBOL.
- Support for OS/VS COBOL programs is withdrawn.
- Support for all non-Language Environment runtime libraries is withdrawn.
- COBOL II programs will use Language Environment facilities. Execution results are NOT guaranteed to be the same. Removal of this support is planned.
- CICS Translation of OS/VS COBOL and VS COBOL II programs is unsupported as of Transaction Server 2.2.

### **CICS COBOL TRANSLATION**

- DoIT compilation facilities will first change the translator from Transaction Server 1.3 to Transaction Server 2.2 and use the integrated compilation facility provided by IBM Enterprise COBOL 3.3 (including IMS and DB2).
- The Transaction Server 1.3 translator uses AMODE(24) settings while the Transaction Server 2.2 translator uses AMODE(31) settings.

### **NOTE REGARDING RUN-OFF APPLICATIONS**

- There will be NO CICS region to accommodate old applications.
- All obsolete programs must be converted to LE or the data entered into a replacement system.

### **PROJECT DATES**

- 09/30/2005: DoIT compilation facilities altered to use Transaction Server 2.2 translation library and to use the Integrated Translation Facility of IBM Enterprise Cobol 3.3.
- 01/01/2006: Initiate CICS upgrade process to 3.1. When implemented into production, obsolete, run-off applications will not function.

### **PROJECT OUTLINE**

- Users must rewrite applications in current LE-compatible COBOL.
- Programs should be compiled and linked as AMODE(31) and RMODE(ANY).
- All OS/VS COBOL and VS COBOL II programs must be recompiled with IBM Enterprise COBOL. There is no backward compatibility and syntax errors must be corrected.
- Applications running in a non-LE region must be ported into an LE region. The non-LE region will be removed with the implementation of Transaction Server 3.1.

### **ADDITIONAL INFORMATION**

- GC34-6421: CICS Transaction Server for z/OS Release Guide Version 3 Release 1.
- SC34-6433: CICS Transaction Server for z/OS CICS Application Programming Guide Version 3 Release 1.
- SA22-7561: z/OS Language Environment Programming Guide
- GC27-1409: Enterprise COBOL for z/OS Compiler and Run-Time Migration Guide Version 3 Release 3.